Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
Data File : BN034501.D
Acq On : 09 Oct 2024 13:12
Operator : RC/JU
Sample : PB163804BS
Misc :
ALS Vial : 76 Sample Multiplier: 1

Quant Time: Oct 09 13:43:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB163804BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.372	152	4290	0.400	ng	-0.02
7) Naphthalene-d8	10.126	136	11826	0.400	ng	-0.02
13) Acenaphthene-d10	14.019	164	6445	0.400	ng	-0.03
19) Phenanthrene-d10	16.783	188	11789	0.400	ng	-0.02
29) Chrysene-d12	21.008	240	7099	0.400	ng	0.00
35) Perylene-d12	23.118	264	9561	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	4777	0.392	ng	-0.01
5) Phenol-d6	6.578	99	5253	0.371	ng	-0.02
8) Nitrobenzene-d5	8.514	82	3696	0.409	ng	-0.02
11) 2-Methylnaphthalene-d10	11.727	152	9320	0.534	ng	-0.03
14) 2,4,6-Tribromophenol	15.529	330	1203	0.412	ng	-0.02
15) 2-Fluorobiphenyl	12.629	172	9345	0.357	ng	-0.03
27) Fluoranthene-d10	18.829	212	12939	0.435	ng	-0.02
31) Terphenyl-d14	19.447	244	8680	0.612	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	1698	0.317	ng	# 16
3) n-Nitrosodimethylamine	3.321	42	2010	0.329	ng	# 79
6) bis(2-Chloroethyl)ether	6.823	93	4659	0.372	ng	93
9) Naphthalene	10.169	128	12879	0.397	ng	98
10) Hexachlorobutadiene	10.468	225	2698	0.441	ng	# 99
12) 2-Methylnaphthalene	11.802	142	8294	0.393	ng	99
16) Acenaphthylene	13.741	152	10994	0.399	ng	100
17) Acenaphthene	14.083	154	7547	0.381	ng	99
18) Fluorene	15.088	166	9102	0.351	ng	99
20) 4,6-Dinitro-2-methylph...	16.274	198	66	0.168	ng	# 1
21) 4-Bromophenyl-phenylether	15.989	248	2860	0.432	ng	99
22) Hexachlorobenzene	16.088	284	3593	0.484	ng	# 89
23) Atrazine	16.274	200	2522	0.459	ng	# 94
24) Pentachlorophenol	16.448	266	2238	0.911	ng	99
25) Phenanthrene	16.820	178	13977	0.413	ng	99
26) Anthracene	16.907	178	12616	0.457	ng	99
28) Fluoranthene	18.857	202	15270	0.389	ng	99
30) Pyrene	19.224	202	16295	0.544	ng	100
32) Benzo(a)anthracene	21.008	228	1721m	0.077	ng	
33) Chrysene	21.044	228	14900m	0.556	ng	
36) Indeno(1,2,3-cd)pyrene	25.179	276	17740	0.433	ng	94
37) Benzo(b)fluoranthene	22.498	252	13947	0.372	ng	94
38) Benzo(k)fluoranthene	22.539	252	14905	0.379	ng	95
39) Benzo(a)pyrene	23.028	252	13139	0.430	ng	95
40) Dibenzo(a,h)anthracene	25.197	278	13695	0.430	ng	96
41) Benzo(g,h,i)perylene	25.799	276	14278	0.399	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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